

EXHIBIT A

**MARKED-UP VERSION OF THE CLAIMS UPON ENTRY OF THE
INSTANT AMENDMENT
(filed October 28, 2002)**

U.S. PATENT APPLICATION SERIAL NO. 09/606,909

Claim 1 is cancelled without prejudice, and replaced by new claims 25 to 30.

2. (Amended) The method of Claim [1] 28, wherein the needle is selected from the group consisting of microneedles, catheter needles, and injection needles.

3. (Amended) The method of Claim [1] 28, wherein a single needle is inserted.

4. (Amended) The method of Claim [1] 28, wherein multiple needles are inserted.

5. (Amended) The method of any of [Claim 1] Claims 25-30, wherein the substance is a liquid delivered by pressure directly on the liquid.

6. (Amended) The method of any of [Claim 1] Claims 25-30, wherein a hormone is delivered.

7. (Amended) The method of Claim 6, wherein the hormone is selected from the group consisting of insulin and PTH.

Claims 8 and 9 are cancelled without prejudice.

10. (Amended) The method of Claim [1] 28, wherein the needle is about 300 μ m to 2 mm long.

11. (Amended) The method of Claim [10] 28, wherein the needle is about 500 μ m to 1 mm long.

12. (Amended) The method of Claim [1] 28, wherein the outlet is at a depth of about 250 μm to 2 mm when the needle is inserted.

13. (Amended) The method of Claim [12] 28, wherein the outlet is at a depth of about 750 μm to 1.5 mm when the needle is inserted.

14. (Amended) The method of Claim [12] 28, wherein the outlet has an exposed height of about 0 to 1 mm.

15. (Amended) The method of Claim [14] 28, wherein the outlet has an exposed height of about 0 to 300 μm .

16. (Amended) The method of Claim [1] 26, wherein the delivery rate or volume delivered is controlled by spacing of multiple needles, needle diameter or number of needles.